

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A vehicular headlamp ~~for emitting light ahead of an automobile,~~
comprising:

a semiconductor light emitting device facing in a direction substantially perpendicular to
a forward direction;

a reflector configured in a partial semi-elliptical shape having an aperture in a front side
to surround said light emitting device, wherein ~~having its~~ said reflector has an
optical center ~~thereof~~ on in proximity of said semiconductor light emitting device,
and ~~operable to reflect~~ light ~~generated by incident from~~ said semiconductor light
emitting device ~~forward toward the front side;~~ and

a light transmitting member ~~formed from material that transmits said light emitted by said
semiconductor light emitting device in such a manner that said light transmitting
member covers said semiconductor light emitting device~~ configured to cover said
light emitting device, wherein said light transmitting member deflects~~[[ing]]~~
~~forward~~ a part of said light generated by said semiconductor light emitting device
toward the front side and transmits~~[[ting]]~~ another part of said light generated by
said semiconductor light emitting device toward said reflector.

2. (Currently Amended) A vehicular headlamp as claimed in claim 1, wherein said reflector
is formed to cover said light transmitting member from a ~~back-read side~~ of said
semiconductor light emitting device, and said light transmitting member comprises:

a rear sealing part having a shape like a quarter sphere having ~~its center around a focal~~
point in proximity of said semiconductor light emitting device, wherein said rear
sealing part seals~~ing~~ a rear side of said semiconductor light emitting device
~~from behind~~; and

a front sealing part having a shape in which a radius of curvature of a surface in a cross
section parallel to ~~the forward direction of light emission by said vehicular~~
~~headlamp~~ is smaller than a radius of curvature of a surface of said ~~quarter sphere~~
rear sealing part, wherein said front sealing part ~~being is~~ formed integrally with
said rear sealing part to seal a front side of said semiconductor light emitting
device ~~from the front of said semiconductor light emitting device~~.

3. (Currently Amended) A vehicular headlamp as claimed in claim 1, further comprising a
lens disposed in the front side ~~operable to direct said light generated by said~~
~~semiconductor light emitting device ahead of the automobile~~, wherein said lens receives
~~said reflector makes~~ said reflected light ~~incident on said lens by the reflector~~~~[[,]]~~ and said
deflected light by said light transmitting member ~~deflects forward a part of said light~~
~~generated by said semiconductor light emitting device to make said part of said light~~
~~incident on said lens~~.

4. (Original) A vehicular headlamp as claimed in claim 3, further comprising a light blocking
member, provided between said semiconductor light emitting member and said lens,
operable to block a part of said light generated by said semiconductor light emitting
device, wherein

said reflector converges said reflected light in the vicinity of an edge of said light blocking member,

said lens forms at least a part of a cut line for defining a boundary between a bright region and a dark region in a light distribution pattern of said vehicular headlamp based on a shape of said edge of said light blocking member, and

said light transmitting member deflects forward a part of said light generated by said semiconductor light emitting device to make said part of said light pass in the vicinity of said edge of said light blocking member.

5. (Currently Amended) A vehicular headlamp as claimed in claim 1, wherein said reflector reflects said light generated by said semiconductor light emitting device toward a substantially horizontal direction, and said light transmitting member deflects a part of light generated in [[a]] the forward direction by said semiconductor light emitting device, toward said substantially horizontal direction.

6. (Cancelled)